

PLANNING & PROGRAMMING DIVISION
PLANNING RESEARCH SECTION
TRAFFIC ANALYSIS UNIT

TAU 3069

T.H. 94

S.P. 6282

Pillsbury St. to Snelling Ave.

In St. Paul

Prepared: January, 1964

MINNESOTA HIGHWAY DEPARTMENT

U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

January 21, 1964

Johan Nygaard

T.H. 94, S.P. 82, Pillsbury St.
to Snelling Avenue in St. Paul

This report is transmitted as a supplement to MSU 101 which was transmitted on April 12, 1962.

Included herewith is the 1984 ADT and vehicle-type distribution for the project location shown on the map on page 2.

For each numbered segment shown on the map on page 3, the 1984 ADT and vehicle type distributions are tabulated on pages 4 and 5.

The section of T.H. 94 within the project area having the highest 1984 ADT, 113,292, has a 1962 ADT of 33,246 on the parallel section of University Avenue.

This request was initiated by B.L. Warszala for A.F. Wicklund.

JN:SS



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1984 PART 1 OF 2

FOR

T.H. 94 S.P. 6282 LENGTH _____ MILES

COUNTY Ramsey LOCATION Pillsbury St.

to Snelling Ave. in St. Paul

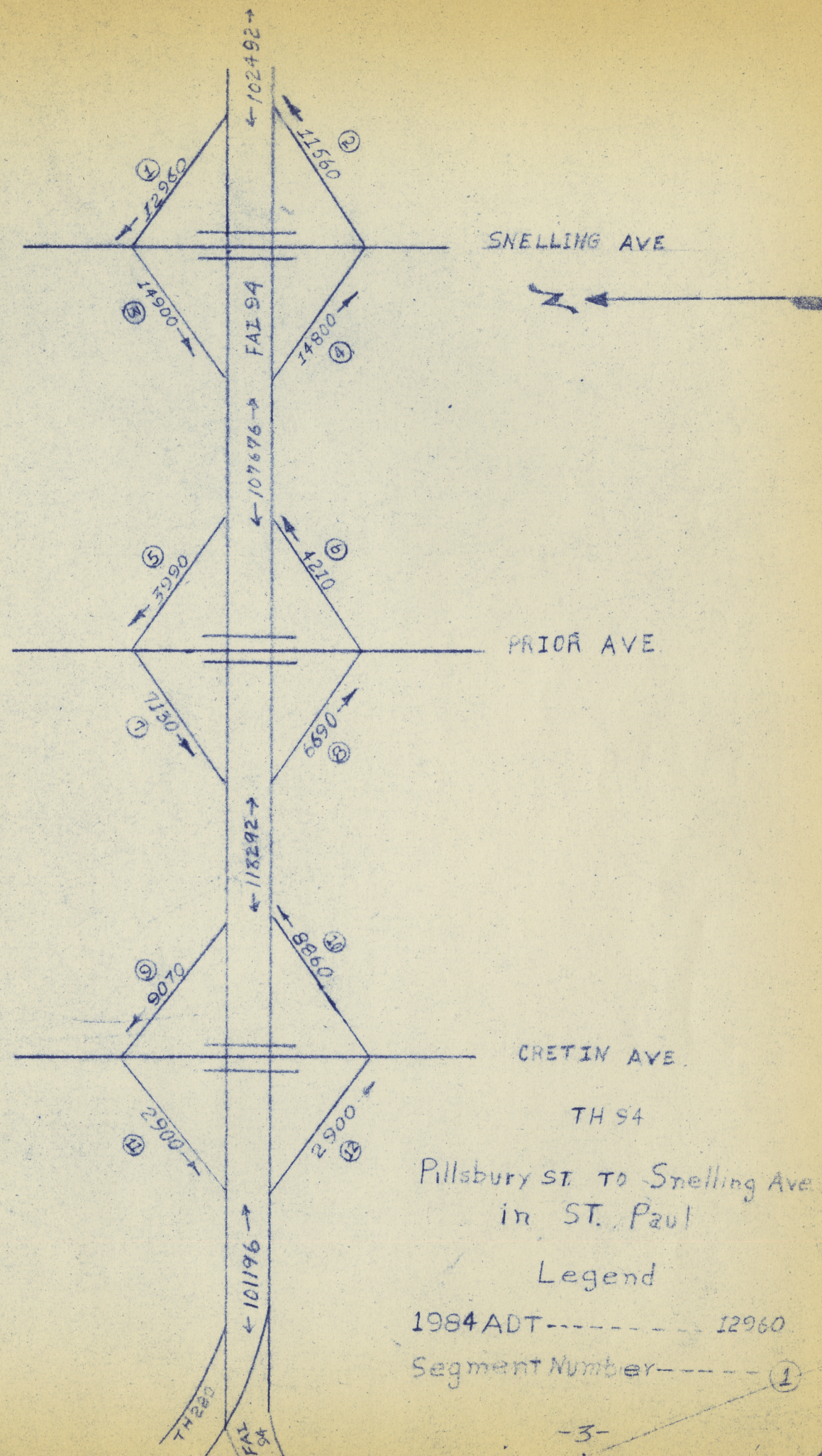
BASED ON

1984 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS

DEFINED ON ATTACHED INDEX MAP



VEHICLE * TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	11991	10691	13838	13738	3658	3858	6474	6073	8173	8063	2614
1	437	383	498	498	113	120	222	209	342	342	109
2	128	102	145	145	52	55	101	95	159	159	51
3	110	101	105	105	12	13	24	23	34	34	11
4	71	75	82	82	30	32	61	57	63	63	20
5	133	128	129	129	95	100	186	175	255	255	81
6	90	80	103	103	30	32	62	58	44	44	14
TOTAL ADT	12960	11560	14900	14800	3990	4210	7130	6690	9070	8960	2900
TOTAL H. COMM. ADT	969	869	1062	1062	332	352	656	617	897	897	286
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0 = PASSENGER CARS AND 4 TIRE TRUCKS
- 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
- 2 = SINGLE UNIT-3 AXLE TRUCKS
- 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
- 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
- 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1984 PART 2 OF 2

FOR

T.H. 94 S.P. 6282 LENGTH _____ MILES

COUNTY Ramsey LOCATION Pillsbury St.

to Snelling Ave. in St. Paul

BASED ON

1984 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 12 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER									
	12									
0	2614									
1	109									
2	51									
3	11									
4	20									
5	81									
6	14									
TOTAL ADT	2900									
TOTAL H. COMM. ADT	286									
TOTAL DHV										
DIRECTIONAL DISTRIBUTION										

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2 = SINGLE UNIT-3 AXLE TRUCKS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6 = BUSES AND TRUCKS WITH TRAILERS

Basic Data, Method and Assumptions

The 1984 ADT is based on a projection of the 1980 ADT transmitted in MSU-101 on April 12, 1962 for T.H. 94 from T.H. 280 to Snelling Avenue.

The 1984 vehicle type distributions for the project are based on an analysis of 16-hour turning movements taken at key intersections within the project area in March, 1958. The 16-hour volumes recorded at each turning movement were adjusted for hourly and seasonal variation and then related to manual vehicle classification counts recorded at urban stations in the immediate metropolitan area.

The resulting vehicle type distributions were then projected to 1984 by use of state-wide trends in vehicle types. The 1984 vehicle type distributions were further adjusted to reflect the influence of a completed interstate freeway system.

The 1984 peak hour volumes are estimated to be 8 percent greater than transmitted in MSU 101.